

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
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PATENT APPLICATION

ATTORNEY DOCKET NO. 200302018-1

O I P  
FEB 25 2004  
PATENT & TRADEMARK OFFICE

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Kathleen Knobe et al.

Confirmation No.: 6273

Application No.: 10/629,357

Examiner: Not assigned

Filing Date: 07/29/03

Group Art Unit: 2171

Title: DEAD TIMESTAMP IDENTIFICATION AND ELIMINATION

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

(X) under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

( ) under 37 CFR 1.97 (c) together with either a:  
( ) Statement under 37 CFR 1.97(e), or  
( ) a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

( ) under 37 CFR 1.97 (d) together with a:  
( ) Statement under 37 CFR 1.97(e)(1) or (2), and  
( ) a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

(X) I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: 02/23/04  
OR

Respectfully submitted,

Hamilton, Brook, Smith & Reynolds, P.C.

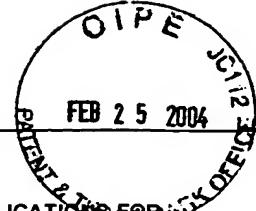
By Caroline M. Fleming  
Caroline M. Fleming  
Attorney/Agent for Applicant(s)  
Reg. No. 45,566

Date: 2/23/04

Typed Name: Pamela Sarno

Signature: Pamela Sarno

Telephone No.: (978) 341-0036



FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO. 200302018-1	APPLICATION NO. 10/629,357	CONFIRMATION NO. 6273
APPLICANT Kathleen Knobe et al.		
FILING DATE 07/29/03	GROUP 2171	

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
1A	6,067,604	05/23/00	Ramachandran et al.	
1B	09/549,351	filed 4/14/00	Knobe et al.	
1C				
1D				
1E				
1F				
1G				
1H				
1I				
1J				
1K				

## FOREIGN PATENT DOCUMENTS

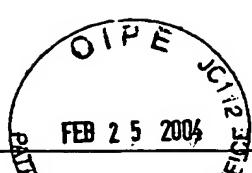
	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
1L					
1M					
1N					
1O					
1P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	K. M. Chandy and J. Misra, "Asynchronous Distributed Simulation via a Sequence of Parallel Computations," Communications of the ACM, 24:198-206, 1981.
1R	A. D. Christian and B. L. Avery, "Digital Smart Kiosk Project," In ACM SIGCHI 98, pages 155-62, Los Angeles, CA, April 18-23 1998.
1S	R. M. Fujimoto, "Parallel Discrete Event Simulation," Comm. of the ACM, 33(10), October 1990.

EXAMINER

DATE CONSIDERED



PATENT APPLICATION

Sheet 2 of 3

FORM PTO-1449

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APPLICANT		
Kathleen Knobe et al.		
FILING DATE	GROUP	
07/29/03	2171	

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U.S. PATENT DOCUMENTS

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2A				
2B				
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2L					
2M					
2N					
2O					
2P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

2Q	R. M. Fujimoto, "Parallel and Distributed Simulation," In Winter Simulation Conference, pages 118-125, December 1995.
2R	D. R. Jefferson, "Virtual Time," ACM Transactions on Programming Languages and Systems, 7(3):404-425, July 1985.
2S	K. Knobe, et al., "Scheduling constrained dynamic applications on clusters. In Proc. SC99: High Performance Networking and Computing Conf., Portland, OR, November 1999. Technical paper.

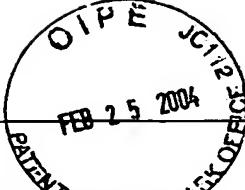
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3L					
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3N					
3O					
3P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

3Q	R. S. Nikhil and U. Ramachandran, "Garbage Collection of Timestamped Data in Stampede. In Proc. Nineteenth Annual Symposium on Principles of Distributed Computing (PODC 2000), Portland, Oregon, July 2000.
3R	J. M. Rehg, et al., "Vision for a Smart Kiosk," In Computer Vision and Pattern Recognition, pages 690-696, San Juan, Puerto Rico, June 17-19 1997.
3S	P. R. Wilson, "Uniprocessor Garbage Collection Techniques, Yves Bekkers and Jacques Cohen (eds.). In Intl. Wkshp. on Memory Management (IWMM 92), St. Malo, France, pages 1-42, September 1992.

EXAMINER

DATE CONSIDERED